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JC879 U.S. PTO

Please type a plus sign (+) inside this box → ☐PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. CA104US

First Inventor Gang Yu

Title Method And System For  
Generating Optimal Solutions\*\*

Express Mail Label No. PT198305191US

JC872 U.S. PTO  
09/867251

05/29/01

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 48]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 12]
5. Oath or Declaration [Total Pages 2]
- a. ☒ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- b. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Checks in amount of \$395 Cover Letter & Cert.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) ☐ Prior application No.

Prior application information:

Examiner

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

\*Express Mail Cert.

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

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State

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Zip Code

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US

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281-392-8288

Fax

281-392-2850

Name (Print/Type)

Gerald E. Lester

Registration No. (Attorney/Agent)

27,697

Signature

Gerald E. Lester

Date

5/25/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TITLE: Method And System For Generating  
Optimal Solutions For Open Pairings  
Through One-Way Fixes And  
Matching Transformations

Attorney Docket No.:

CA104US

Examiner: Not Assigned

Filing Date: May 29, 2001

Art Unit: Not Assigned

Inventors:

Gang Yu & Gao Song

Assignee: CALEB Technologies Corp.

U.S. Director Of Patents And Trademarks  
U.S. Patent And Trademark Office  
Washington, D.C. 20231

Dear Sir:

CERTIFICATION UNDER 37 CFR 1.10

Express Mail No.

Date Of Deposit

ET198305191US

May 29 , 2001

I hereby certify that the following items are being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to the U.S. Director Of Patents And Trademarks, U.S. Patent And Trademark Office, Washington, D.C. 20231:

1. New Utility Patent Application Transmittal;
2. Specification(48 Pages), Claims (16 ), Abstract, Figures (12 Sheets);
3. Declaration For Utility Or Design Patent Application (2 Pages);
4. Fee Transmittal;
5. Original Assignment;
6. Recordation Form Cover Sheet;

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TITLE: Method And System For Generating  
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Inventors:

Gang Yu & Gao Song

Assignee: CALEB Technologies Corp.

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U.S. Patent And Trademark Office  
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Dear Sir:

Enclosed please find the following documents:

1. New Utility Patent Application Transmittal;
2. Specification(48 Pages), Claims (16 ), Abstract, Figures (12 Sheets);
3. Declaration For Utility Or Design Patent Application (2 Pages);
4. Fee Transmittal;
5. Original Assignment;
6. Recordation Form Cover Sheet;
7. Power of Attorney (Two Forms);
8. Stamped And Self-Addressed Post Card For Receipt Of The Official Date  
Stamp Of The U.S. Patent And Trademark Office And Return To Addressee.
9. Checks (2) in the amount of \$395.00 made out to the U.S. Director Of Patents  
And Trademarks.

Mean (SD)		Median (IQR)		Range	
Age	64.5 (10.5)	64 (53-74)	45-85		
Sex					
Male	10 (100%)	10 (100%)	10 (100%)		
Female	0 (0%)	0 (0%)	0 (0%)		
Education					
High school or less	10 (100%)	10 (100%)	10 (100%)		
College or more	0 (0%)	0 (0%)	0 (0%)		
Marital status					
Married	10 (100%)	10 (100%)	10 (100%)		
Single	0 (0%)	0 (0%)	0 (0%)		
Divorced	0 (0%)	0 (0%)	0 (0%)		
Widowed	0 (0%)	0 (0%)	0 (0%)		
Employment					
Employed	10 (100%)	10 (100%)	10 (100%)		
Unemployed	0 (0%)	0 (0%)	0 (0%)		
Health status					
Good	10 (100%)	10 (100%)	10 (100%)		
Fair	0 (0%)	0 (0%)	0 (0%)		
Poor	0 (0%)	0 (0%)	0 (0%)		
Medication					
None	10 (100%)	10 (100%)	10 (100%)		
One or more	0 (0%)	0 (0%)	0 (0%)		
Comorbidities					
Hypertension	10 (100%)	10 (100%)	10 (100%)		
Diabetes	10 (100%)	10 (100%)	10 (100%)		
Cholesterol	10 (100%)	10 (100%)	10 (100%)		
Smoking					
Smoker	10 (100%)	10 (100%)	10 (100%)		
Non-smoker	0 (0%)	0 (0%)	0 (0%)		
Alcohol					
Drinker	10 (100%)	10 (100%)	10 (100%)		
Non-drinker	0 (0%)	0 (0%)	0 (0%)		
Family history					
Heart disease	10 (100%)	10 (100%)	10 (100%)		
Stroke	10 (100%)	10 (100%)	10 (100%)		
Cancer	10 (100%)	10 (100%)	10 (100%)		
Other	10 (100%)	10 (100%)	10 (100%)		

Respectfully Submitted,

Gerald E. Lester

Law Office of Gerald E. Lester

Katy, Texas 77450